

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TFT ARRAY SUBSTRATE AND LIQUID CRYSTAL DEVICE USING IT

the specification of which:

☒
is attached hereto.

☐
was filed as United States application Serial No. _____

on _____

and was amended on _____ (if applicable).

☐
was filed as PCT international application Number _____

on _____

and was amended under PCT Article 19 on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known to me to be material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or Section 365(b) of any foreign and/or international application(s) for patent or inventor's certificate or Section 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:			
COUNTRY (If PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
PCT	PCT/JP01/04885	June 11, 2001	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
JAPAN	2000-193453	June 27, 2000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
I hereby claim the benefit under 35 USC § 119(e) of any United States provisional application(s) listed below.			
PRIOR PROVISIONAL APPLICATION(S):			
Application Number		Filing Date	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or (s) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS		STATUS (Check One)		
U.S. Application Number	U.S. Filing Date	Patented	Pending	Abandoned
PCT APPLICATIONS DESIGNATING THE U.S.				
PCT Application No.	PCT Filing Date	U.S. Serial Numbers Assigned (if any)		

POWER OF ATTORNEY: As named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Stephen A. Becker, Reg. No. 26,527; John G. Bisbikis, Reg. No. 37,095; Daniel Bucca, Reg. No. 42,368; Kenneth L. Cage, Reg. No. 26,151; Jennifer Chen, Reg. No. 42,404; Bernard P. Codd, Reg. No. 46,429; Lawrence T. Cullen, Reg. No. 44,489; Paul Devinsky, Reg. No. 28,553; Margaret M. Duncan, Reg. No. 30,879; Shamita De. Etienne-Cummings, Reg. No. 46,072; Ramyar M. Farid, Reg. No. 46,692; Brian E. Ferguson, Reg. No. 36,801; Michael E. Fogarty, Reg. No. 36,139; John R. Fuisz, Reg. No. 37,327; Willem F. Gadiano, Reg. No. 37,136; Keith E. George, Reg. No. 34,114; John A. Hankins, Reg. No. 32,029; Eric J. Kraus, Reg. No. 36,190; Catherine Krupka, Reg. No. 46,227; Jack Q. Lever, Reg. No. 28,149; Raphael V. Lupo, Reg. No. 28,363; Burman Y. Mathis III, Reg. No. 44,907; Michael A. Messina, Reg. No. 33,424; Dawn L. Palmer, Reg. No. 41,238; Joseph H. Paquin, Jr., Reg. No. 31,647; Scott D. Paul, Reg. No. 42,984; William D. Pegg, Reg. No. 42,988; Robert L. Price, Reg. No. 22,685; Gene Z. Robinson, Reg. No. 33,351; Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; David L. Stewart, Reg. No. 37,578; Wesley Strickland, Reg. No. 44,363; Michael D. Switzer, Reg. No. 39,552; David M. Tennant, Reg. No. 48,362; Daniel S. Trainor, Reg. No. 43,959; Kelli N. Watson, Reg. No. 47,170; Cameron K. Weiffenbach, Reg. No. 44,488; Aaron Weissstuch, Reg. No. 41,557; Edward J. Wise, Reg. No. 34,523; Jeffrey A. Woller, Reg. No. 48,041; Alexander V. Yampolsky, Reg. No. 36,324; and Robert W. Zelnick, Reg. No. 36,976, all of McDermott, Will & Emery.

Send Correspondence to:	Direct Telephone Calls to: (name and telephone number)
McDERMOTT, WILL & EMERY 600 13 th Street, N.W. Washington, D.C. 20005-3096	(202) 756-8000

201	Full Name of Inventor	Family Name	First Given Name	Second Given Name
	Takafumi HASHIGUCHI	HASHIGUCHI	Takafumi	
	Residence and Citizenship	City	State or Foreign Country	Country of Citizenship
	Kumamoto JAPAN, Japanese	Kumamoto	JAPAN JPX	JAPAN
202	Post Office Address	Post Office Address	City	State & Zip Code/Country
	997, Miyoshi, Nishigoshi-machi	Kikuchi-gun	Kumamoto	861-1198 JAPAN
	Full Name of Inventor	Family Name	First Given Name	Second Given Name
	Takehisa YAMAGUCHI	YAMAGUCHI	Takehisa	
203	Residence and Citizenship	City	State or Foreign Country	Country of Citizenship
	Kumamoto JAPAN, Japanese	Kumamoto	JAPAN JPX	JAPAN
	Post Office Address	Post Office Address	City	State & Zip Code/Country
	997, Miyoshi, Nishigoshi-machi	Kikuchi-gun	Kumamoto	861-1198 JAPAN
203	Full Name of Inventor	Family Name	First Given Name	Second Given Name
	Naoki NAKAGAWA	NAKAGAWA	Naoki	
	Residence and Citizenship	City	State or Foreign Country	Country of Citizenship
	Kumamoto JAPAN, Japanese	Kumamoto	JAPAN JPX	JAPAN
203	Post Office Address	Post Office Address	City	State & Zip Code/Country
	997, Miyoshi, Nishigoshi-machi	Kikuchi-gun	Kumamoto	861-1198 JAPAN

I hereby declare that all statement made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 201:	Signature of Inventor 202:	Signature of Inventor 203:
Takafumi Hashiguchi	Takehisa Yamaguchi	Naoki Nakagawa
Date Feb 4 2002	Date Jan. 23. 2002	Date Jan. 29. 2002